

Certificate of Analysis

Date of Testing: 2023-05-22 15:48:28

Date of Next Testing: 2027-05-21 15:48:28

Product Name: **Dextran**

CAS Number: 9004-54-0

Specifications & Purity:

Lot #: E2318201

SKU #: **D491699**

Analysis: **226411**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Bacterial endotoxins	0-25 (EU/g)	24.90 EU/g
Loss on Drying(105°C,5h)	0-7 (%)	3.40 %
Average Molecular Weight	22500-27500	23540.00
Specific Rotation [α] _{20/D}	191-201 (°)	197.00 °
Heavy metal (as Pb)	0-10 (ppm)	6.00 ppm
Microbial contamination	0-100 (cfu/g)	99.98 cfu/g
Nitrogen by Elemental Analysis	0-110 (ppm)	7.00 ppm
Sulfate Ash	0-0.3 (%)	0.02 %
Appearance(D491699-25k)	White to Off-White Powder	White to Off-White Powder



John Su
QA & QC Manager